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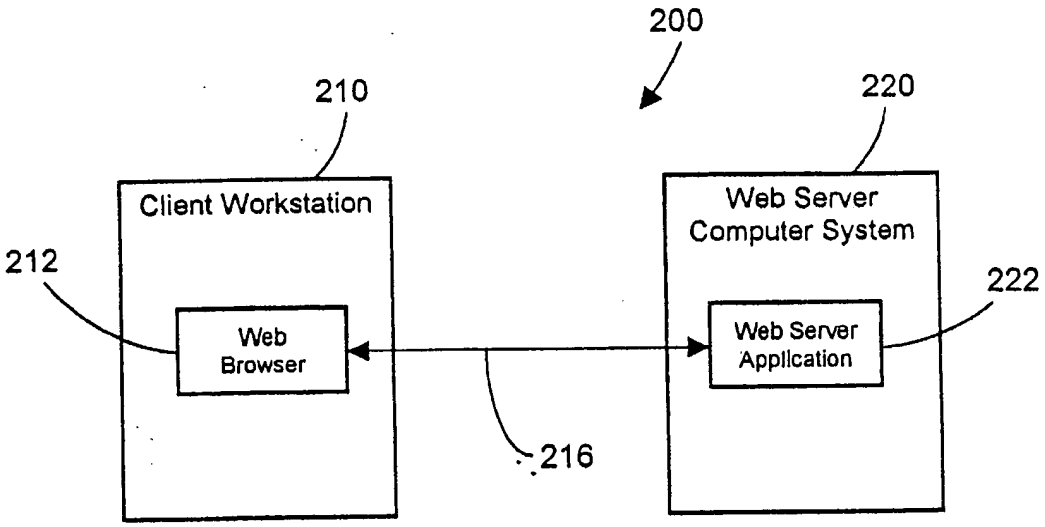
200
210
220
Client Workstation
Web Server
Computer System
212
222
Web
Browser
Web Server
Application
216

Figure 1A

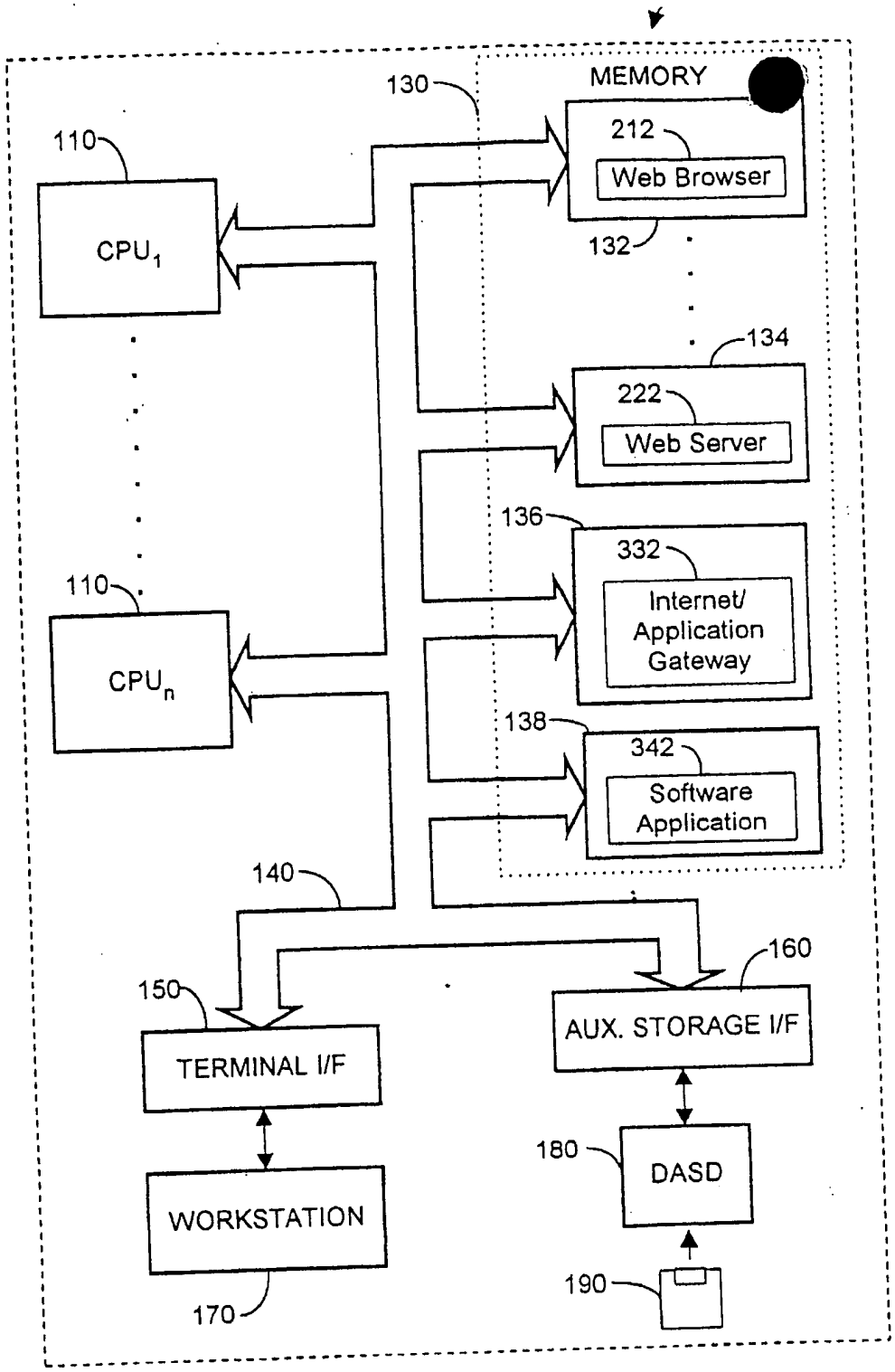
MEMORY
130
110
212
Web Browser
CPU1
132
134
222
Web Server
136
332
Internet/
Application
Gateway
110
CPUn
138
342
Software
Application
140
160
150
AUX. STORAGE I/F
TERMINAL I/F
180
DASD
WORKSTATION
190
170

Figure 1B

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Login
Introduction
Jobs
News
Documentation
FAQ
Help

Enter your login information and push the Login button.
You must have a valid user name and password to access the system!

User Name: insurance Password: **** Login

Authorized access only!
Do NOT give your user information to ANYONE!

©1997 AAWS Web Services

This is the login page. In order to use Surety2000 you must receive a user name and password from Surety2000. At least one participating surety must authorize you first. Then Surety2000 will give you the necessary user and password.

For purposes of this presentation we will use the user name "insurance" and password "john" After the user name and password are inserted you will click on "login".

Figure 1C

1C

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/2/99

Agency Main Menu:

Login | Main Menu | Contractors | Employees | FAQ | Documentation | Help

New Bond | **Search Bonds** | Approved Bonds 180+ | Pending Bonds | Dead Bonds

Search Approved Bonds By:

Owner/Obligee [ ] Search

Contractor [ ] Search

Bond Number [ ] Search

]

©1997 AAWS Web Services

This is the main menu. The system has identified the user and the date. From here you can navigate to any part of the system. Look across the horizontal bar. You can enter a new bond, search for an approved bid bond, search for an approved bid bond that is over 180 days old, search for a pending bond, or search for a dead bond.

Let's start by searching for all pending bid bonds. A pending bid bond is a bid bond that has been entered into the system but, is waiting to be approved.

Click on "pending bonds" on the horizontal bar.

Figure 2

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

Agency Pending Bonds Search

New Bond | Search Bonds | Approved Bonds 180+ | **Pending Bonds** | Dead Bonds

Login
Main Menu
Contractors
Employees
FAQ
Documentation
Help

Search Pending Bonds by:

Owner/Obligee [ ] Search

Contractor [blank for universal search-] Search

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You will see that the "Pending Bond" section in the horizontal bar is highlighted. You may enter the name of a contractor or owner/obligee and do a specific search. Let's search for all of your pending bonds. (remember that the system knows who you are what bonds you are authorized to view)

To search for all pending bid bonds simply leave the fields blank and click on the "search box" next to the contractor field.

Figure 3

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/2/99

Surety Pending Bonds Menu

Login | Main Menu | Contractors | Employees | FAQ | Documentation | Help

New Bond | Search Bonds | Approved Bonds 180+ | Pending Bonds | Dead Bonds

You may select View/Edit from the table below: Page 1 of 1

BidDate	Contractor	Owner/Obligee	Surety
2/21/99	ABC CONTRACTING, INC.	City of New York Department of Design and Construction	Liberty Mutual Insuranc
2/22/99	ABC CONTRACTING, INC.	United States General Services Administration	Liberty Mutual Insuranc

Owner/Obligee [ ] Search

Contractor [ ] Search

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This is a very valuable tool for the surety agent. As each bid bond is entered into the system for your agency, the bid bond will be listed here in chronological order of bid date. This screen can be used as a daily work list of bid bonds to be approved. The appropriate surety company can see the pending bid bond and accept it as the bid bond request. To the right of the screen is "edit" and "view". (sorry, the printer cannot print items that you must scroll to the right to see on a monitor.)

Let's click edit. (remember, you cannot see "edit" here but, you will be able to see it on your monitor).

Figure 4

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/2/99

Login
Main Menu
Contractors
Employees
FAQ
Documentation
Help

Edit Bond:

Contractor Information:

Contractor: **ABC CONTRACTING, INC.**
Address: **100 SMITH STREET**
City: **ANYWHERE**
State: **New York**
Zip Code: **1111111**

Owner/Job Information:

Owner/Obligee: **City of New York Department of Design and Construction**
Bid Bond Form: **AIA Document A310**
Address:
City: **Long Island City**
State: **New York**
Zipcode: **10031**
Bid Date: 2 / 21 / 1999
Estimated Contract Price: optional
Amount of Bid Security: ten percent of bid amount
Contract # or IFB#: 456123
Description of Job: description of project here.

Still Pending | Approved | Dead

©1997 AAWS Web Services

This is a pending bid bond. It is a review of the information as it will appear when it is approved. You can change the bid date, estimated contract price, amount of bid bond, ifb number and the description of the job. Then you can return it into the pending list, approve the bid bond, or send it into the dead file where it cannot return.

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

- Login
- Main Menu
- Contractors
- Employees
- FAQ
- Documentation
- Help

Enter New Bid Bond Step 1 of 4

Contractor Information:

Company Name: abc [Next >]

Address:

City:

State:

Zip Code:

Owner/Obligee/Job Information:

Owner/Obligee:

Bid Bond Form:

Address:

City:

State:

Zip Code:

Bid Date:

Estimated Contract Price:

Amount of Bid Security:

Contract # or IFB#:

Description of Job:

Bid Bond Status: Approved Pending

[Reset]

©1997 AAWS Web Services

6

This is the screen after you click on "new bond". First enter the first few letters of the contractors name in the top field. (if the contractor has not been entered into Surety2000 you will have to enter the contractor information into the system. It's easy and we'll show you later). For this presentation we are using ABC Contracting Inc. Enter abc into the field and click "next".

Figure 6

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

- Login
- Main Menu
- Contractors
- Employees
- FAQ
- Documentation
- Help

Enter New Bid Bond Step 2 of 4

Select the Contractor for this bid by selecting the Company Name: Page 1 of 1

Entry	Conractor Name	Address	Phone No
1	ABC CONTRACTING, INC.	ANYWHERE, NY	111-222-3333

Search for Contractor Name:

Search For: [ ] Search

©1997 AAWS Web Services

Surety2000 found the contractor for you. Sometimes Surety2000 will find several contractors for you with similar names. You pick the exact name by clicking on the name. In this case there is only one ABC Contracting Inc. If there was ABC Plumbing, ABC Electrical, etc. you would choose from that selection.

Click on ABC.

Figure 7

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/2/99

- Login
- Main Menu
- Contractors
- Employees
- FAQ
- Documentation
- Help

Enter New Bid Bond Step 3 of 4

Contractor Information:

Contractor: **ABC CONTRACTING, INC.**
Address: **100 SMITH STREET**
City: **ANYWHERE**
State: **NY**
Zip Code: **1111111**

Surety: Select a Surety

Owner/Obligee/Job Information:

Owner/Obligee:
Bid Bond Form: Select a Bid Bond Form from the list...
Address:
Additional Address:
City:
State: New York
Zip Code:
Bid Date: / /
Estimated Contract Price:
Amount of Bid Security:
Contract # or IFB#:
Description of Job:
Bid Bond Status: ○ Approved ◉ Pending
Next >

The contractor's name that you chose is inserted in the field. This will avoid clerical errors. Move down to "surety". The scroll down screen will list all the sureties that have authorized you. They can rescind that authority at any time from their Surety2000 website.

Complete the remaining fields. The estimated contract price is optional. Surety2000 is Year 2000 compliant. (Insert 1999 in the field for year).

Figure 8

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/2/99

Login
Main Menu
Contractors
Employees
FAQ
Documentation
Help

Enter New Bid Bond Step 3 of 4

Contractor Information:

Contractor: **ABC CONTRACTING, INC.**
Address: **100 SMITH STREET**
City: **ANYWHERE**
State: **NY**
Zip Code: **1111111**

Surety: Liberty Mutual Insurance Co.

Owner/Obligee/Job Information:

Owner/Obligee: State of Virginia Department of Transportation
Bid Bond Form: Bid Bond in accordance with contract specifications
Address:
Additional Address:
City:
State: Virginia
Zip Code: 12345
Bid Date: 02 / 21 / 1999
Estimated Contract Price: optional
Amount of Bid Security: ten percent of bid bond not to exceed .....
Contract # or IFB#: 654321
Description of Job: insert job decription here
Bid Bond Status: (•) Approved ( ) Pending
Next >

Complete all the fields remaining. You may pend this bond or approve it. Let's approve this bid bond. Be sure the approved circle is highlighted then click "next"

Figure 9

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

Login
Main Menu
Contractors
Employees
FAQ
Documentation
Help

Please Verify the information below is correct then Finish.

Date of Bid Bond Entry: 3/1/99 7:08:08 PM
Entered by: John Doe
Surety Name: Liberty Mutual Insurance Co.
NAIC#: 23043
State of Incorporation: MA
Contractor: ABC CONTRACTING, INC.
Address: 100 SMITH STREET,ANYWHERE,NY 1111111
Owner/Obligee: State of Virginia Department of Transportation
Address:
Additional Address:
Bid Bond Form: BidBond in accordance with Contract Specifications
Bid Date: 2/21/1999
Contract Price optional
Amount of Bid Security: ten percent of amount bid not to exceed...
Contract # or IFB#: 654321
Description of Job: insert description of project here.
Bid Bond Status: Approved

Finish

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This is a final review of all the information before the bid bond is executed. THE DATE OF THE ENTRY TO THE SECOND IS ARCHIVED. The entry date and time will become the time of execution on the next screen. Note: just as a paper bid bond must be issued on time for a bid letting, a Surety2000 bid bond must be approved prior to the bid letting time. The owner/obligee will take note of this time. The NAIC code is also listed in order to specifically identify the surety.

Review the information and click on "Finish". The next screen is the bid bond.

Figure 10

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

Login
Main Menu
Contractors
Employees
FAQ
Documentation
Help

The Following Bond has been Approved

S2000 Bond ID: SVA991001340
Date of Bid Bond Entry: 3/1/99 7:08:08 PM
Date of Bid: 2/21/99
Date of Bid Bond Approval: 3/1/99 7:11:47 PM
Contractor: ABC CONTRACTING, INC.
Address: 100 SMITH STREET, ANYWHERE, NY 1111111
Surety Name: Liberty Mutual Insurance Co.
State of Incorporation: MA
NAIC#: 23043
Owner/Obligee: State of Virginia Department of Transportation
Address: , , VA 12345
Amount of Bid Security: ten percent of amount bid not to exceed...
Description of Job: insert description of project here.
Bond Form: BidBond in accordance with Contract Specifications
Contract # or IFB#: 654321
Entered by: John Doe

Print Bond

Owner/Obligee [ ] Search

Contractor [ ] Search

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This is your electronic bid bond. The code at the top is the "authorization code". This code must be given to your contractor. The contractor will present this code at the bid letting along with the bid. The owner/obligee will login to Surety2000, insert the "authorization code" and view the bid bond as you see it here.

The surety will be able to view all executed bid bonds by their agents.

You may print this screen and use it to fax the code to your contractor and retain it for your records.

A bid bond can be executed or put into pending by knowledgeable surety personnel in less than ninety seconds.

Surety2000 has been proven to save money, decrease errors, deter fraud, and provide an overall better service to your contractor.

Figure 11

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

- Login
- Main Menu
- Contractors
- Employees
- FAQ
- Documentation
- Help

Enter Contractor Information Below

Company Name	abc contracting
Contact Person	optional
Phone Number	optional
Address	required
City	required
State	Alabama
Zip Code	required

Submit

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Complete information that must be reproduced on the bid bond such as complete name and address. Contact person and telephone number is optional. Click "submit" and you can execute their first bond.

Figure 12

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

- Login
- Main Menu
- Contractors
- Employees
- FAQ
- Documentation
- Help

Contractors Menu

Search | New Contractor

Search for Contractors By:

(•) Company Name ( ) Contact Name

Search For: [ ] Search

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A contractor has to be entered into Surety2000 before a bid bond can be executed. There is no fee for entering a contractor. As you use the system you will enter a contractor when you are entering the first bid bond for that contractor. (You could enter your entire list all at once if you choose.)

Go to the vertical column at the left. Click on "contractors". You can search for an existing contractor or enter "new contractor". Click on "new contractor" and complete the fields on the next screen.

12A

Figure 12A

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

Login
Main Menu
Contractors
Employees
FAQ
Documentation
Help

Surety Employee List

Search | New Employee

You may select Edit, Add, or Delete from the table below: Page 1 of 1

Surety Agent	User Name	Phone	Action...	
John Doe	Insurance	555-555-5555	Edit...	Delete

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You can grant employees power of attorney. A surety must enter your agency first and empower one person and grant that person administration ability. That individual can enter or delete powers from employees.

Use the vertical bar at the left. Click "employees". Click "new employees" on the horizontal bar.

Figure 13

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

Insurance Agency
John Doe

3/1/99

Login
Main Menu
Contractors
Employees
FAQ
Documentation
Help

Enter Employee Information Below 7995

Employee Name	John Doe
Address	Broadway
City	Anywhere
State	NY
Zip Code	121212
Phone Number	555-555-5555
Login Name	Insurance
Password	****
Verify Password	****
Admin Access	☑
Enabled	☑

Submit Reset

©1997 AAWS Web Services

Complete the fields. Allow the employee to enter their own password. Decide if you want to pass on the administration ability or not. Click "submit" and that employee can login to Surety2000. You can enter this section, search for an employee and "unauthorize" within seconds.

A password cannot be retrieved by anyone or even Surety2000. If a password is forgotton a new password must be submitted.

14

Figure 14

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

- Login
- Introduction
- Jobs
- News
- Documentation
- FAQ
- Help

Enter your login information and push the Login button.
You must have a valid user name and password to access the system!

User Name: Illinois Password: **** Login

Authorized access only!
Do NOT give your user information to ANYONE!

©1997 AAWS Web Services

This is the login page. You will need a user name and password. Each owner/obligee will be given one user name by Surety2000. That person will choose a password and also decide who will be able to use the system within their agency. . An owner/obligee can only *view* executed bid bonds. No changes or transactions can be made.

We have used the State of Illinois Department of Transportation for the purposes of this presentation. The user name and password are entered and then click next.

15

Figure 15

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

State of Illinois Department of Transportation
Jeff Heck

3/3/99

- Login Page
- Main Menu
- Jobs
- News
- Documentation
- FAQ
- Help

Owner Main Menu

Welcome to the Surety 2000 Bid Bonds Approval Tracking System.

Select one of the Menu Options from the panel on the left or us the search feature below.

You can view your entire data base by leaving the search field empty.

If you have questions, you may refer to the Help button for instuction at anytime.

Search Bonds By:

Bond Number sil991001343 Submit

©1997 AAWS Web Services

This is the owner main menu. At the bid letting contractors will present "authorization codes". Simply insert the code in the "bond number" field and click submit. The code begins with "s". (surety). The next two letters are the State (il. Illinois). The next two numbers are the year the bond was executed (99). The remaining numbers are unsequenced and selected by the Surety2000 server.

16

Figure 16

SURETY 2000
BID BOND MANAGER
Bid Bond Approval System Version 1.0

State of Illinois Department of Transportation
Jeff Heck

3/3/99

Login Page
Main Menu
Jobs
News
Documentation
FAQ
Help

The Following Bond has been Executed

S2000 Bond ID: SIL991001343
Date of Bid Bond Approval: 3/3/99 2:55:22 PM
Contractor: ABC CONTRACTING, INC.
Address: 100 SMITH STREET, ANYWHERE, NY 1111111
Surety Name: Reliance Surety Company
State of Incorporation: PA
NAIC#: 41980
Owner/Obligee: State of Illinois Department of Transportation
Address: , , IL 12345
Amount of Bid Security: ten percent of bid amount not to exceed...
Description of Job: insert description of job here...
Bond Form: BidBond in accordance with Contract Specifications
Contract # or IFB#: 456123
Entered by:
Executed by: Joseph V. Sforzo

Search Bonds By:

Bond Number: [ ] Submit

©1997 AAWS Web Services

This is the electronic Surety2000 bid bond. The exact date and time of the bid bond approval is archived. The name of the surety and the NAIC code is submitted. This code designates the exact surety and avoids the confusion of similar surety names. The name of the person who executed the bid bond is at the very bottom.

All information that is inserted in bid bond forms is presented here. The bid bond form is herein agreed that it is the form within the specification.

This screen can be printed and retained.

Simply insert the next authorization code in the bond number field and click submit to view the next bid bond.

Figure 17

BMS V2 Major Navigation Areas

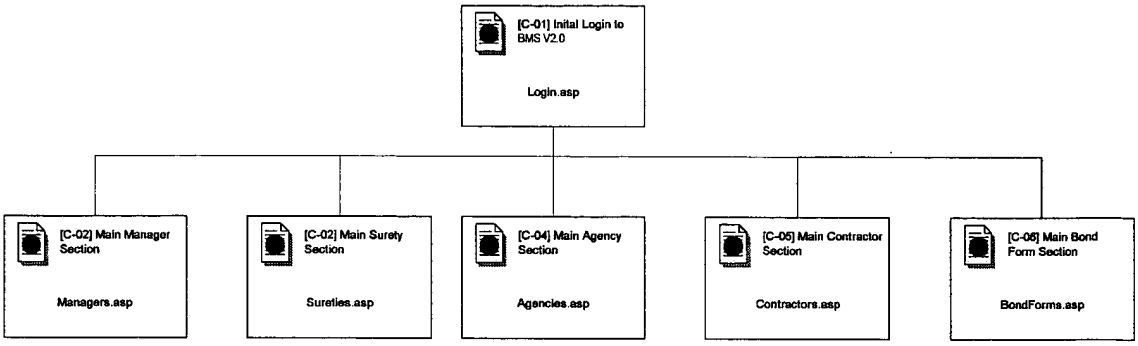

Figure 18

BMS Login Form

CompanyID:

Username:

Password:

Log

Figure 19

Manager Feature Section Layout

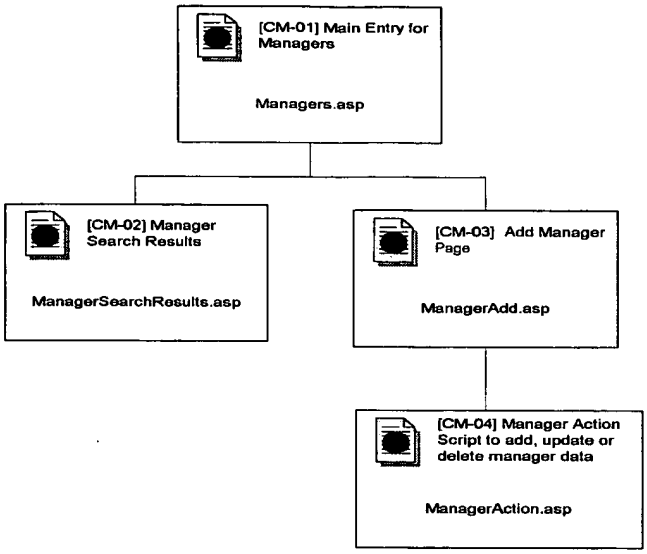

Figure 20

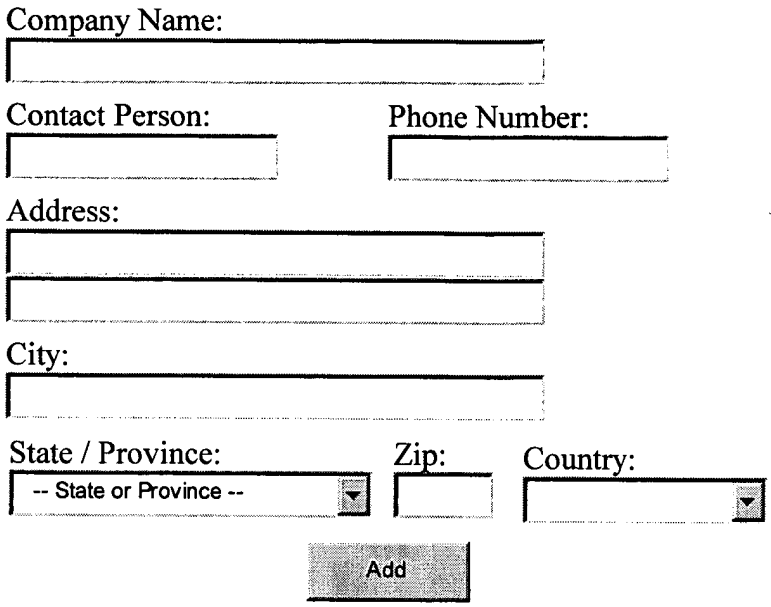
Company Name:
Contact Person:
Phone Number:
Address:
City:
State / Province:
-- State or Province --
Zip:
Country:
Add

Figure 21

Surety Feature Section Layout

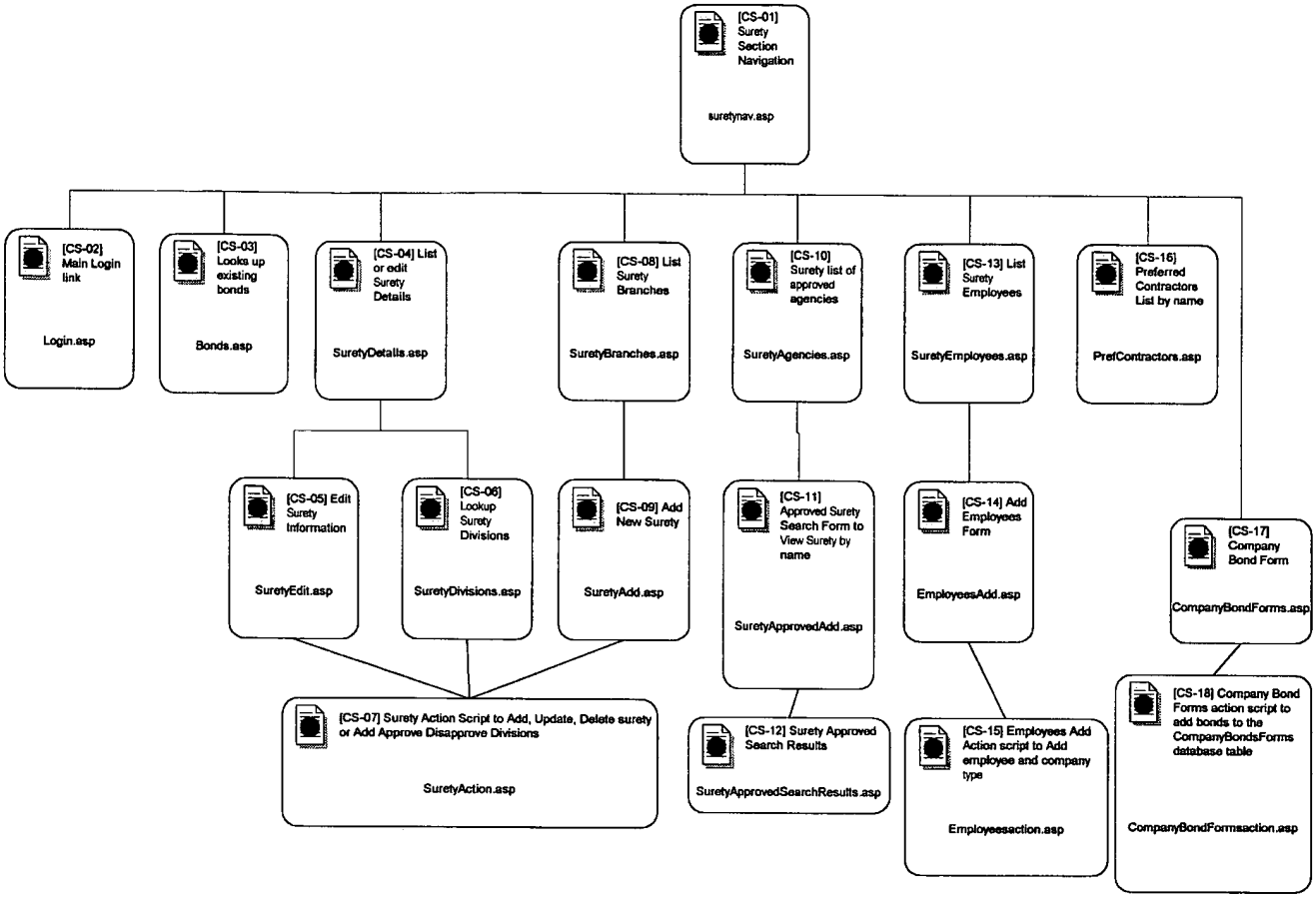

Figure 22

Company Name:

Contact Person: Phone Number:

Address:

City:

State / Province: Zip: Country:

State Of Incorporation NAIC Number:

Update

Figure 23

DOCSNJ-#1446050-v1

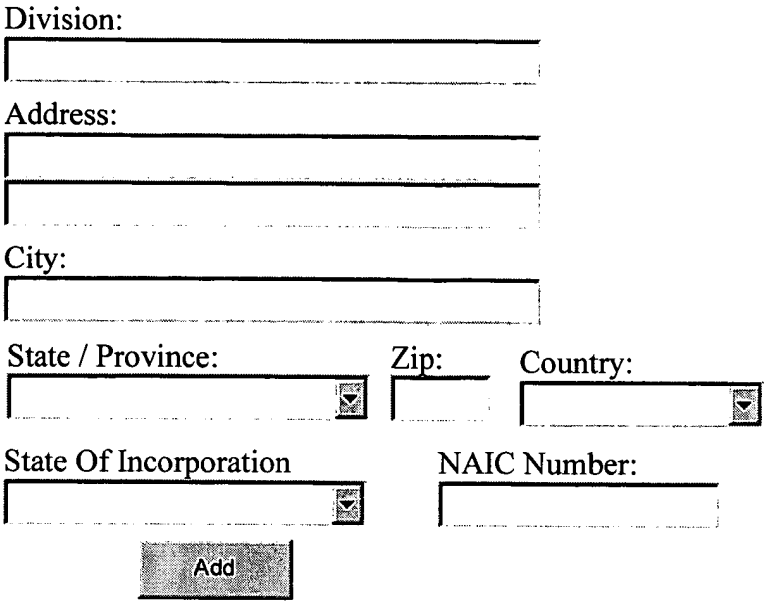
Division:
Address:
City:
State / Province:
Zip:
Country:
State Of Incorporation
NAIC Number:
Add

Figure 24

Company Name:

Contact Person: Phone Number:

Address:

City:

State / Province: Zip: Country:

State Of Incorporation NAIC Number:

Add

Fig 25

D0604-0605-0606-0607-0608

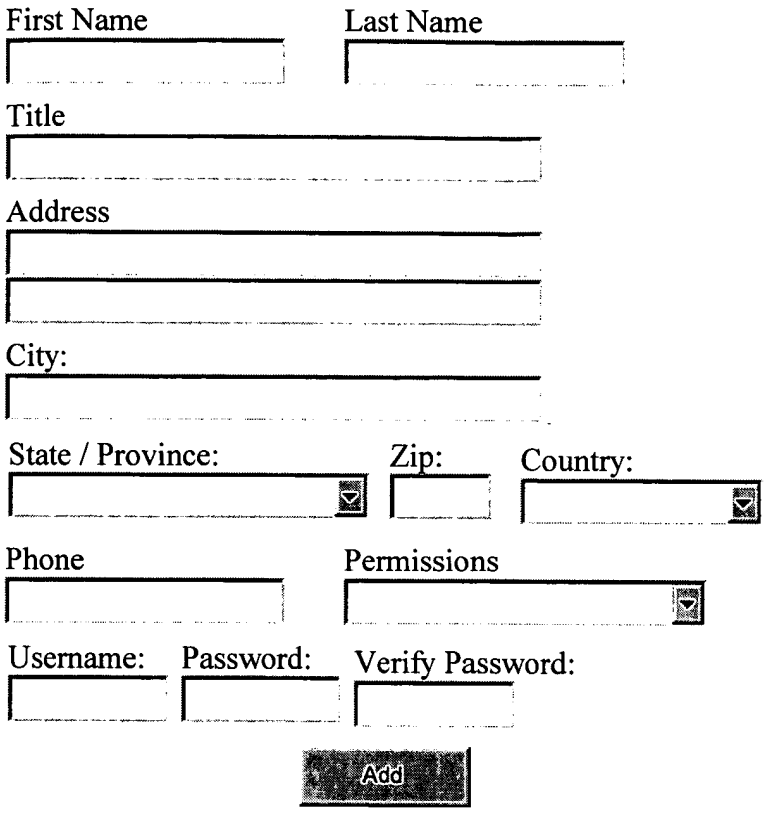
First Name
Last Name
Title
Address
City:
State / Province:
Zip:
Country:
Phone
Permissions
Username:
Password:
Verify Password:
Add

Figure 26

Agency Feature Section Layout

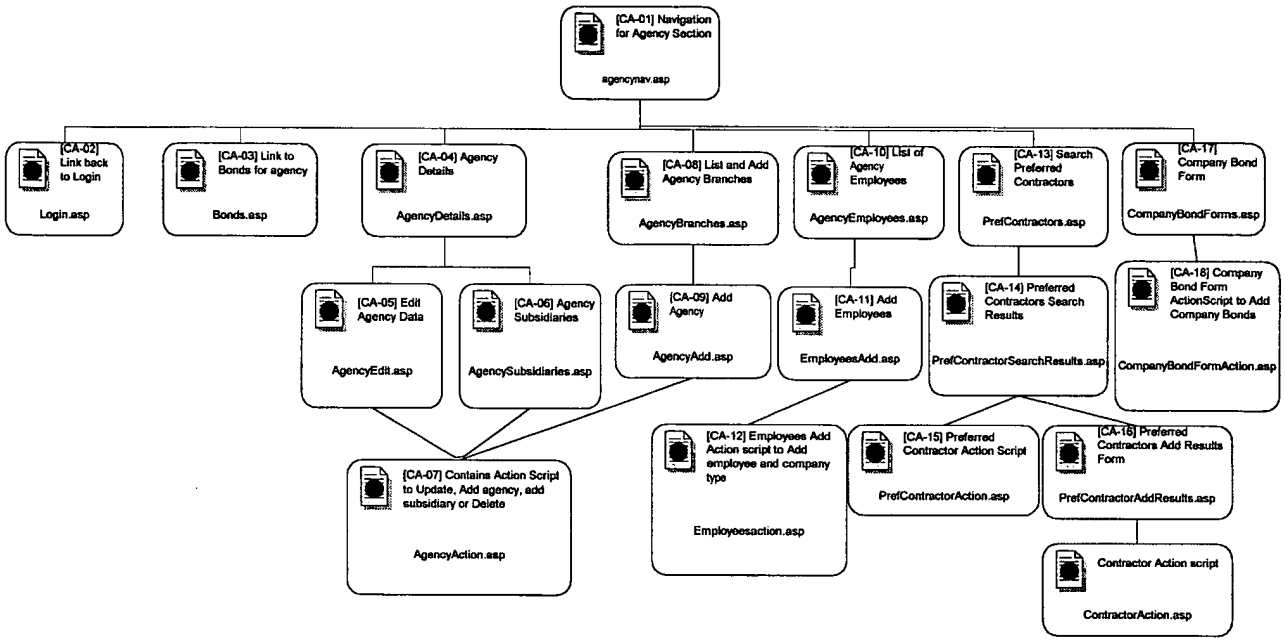

Figure 27

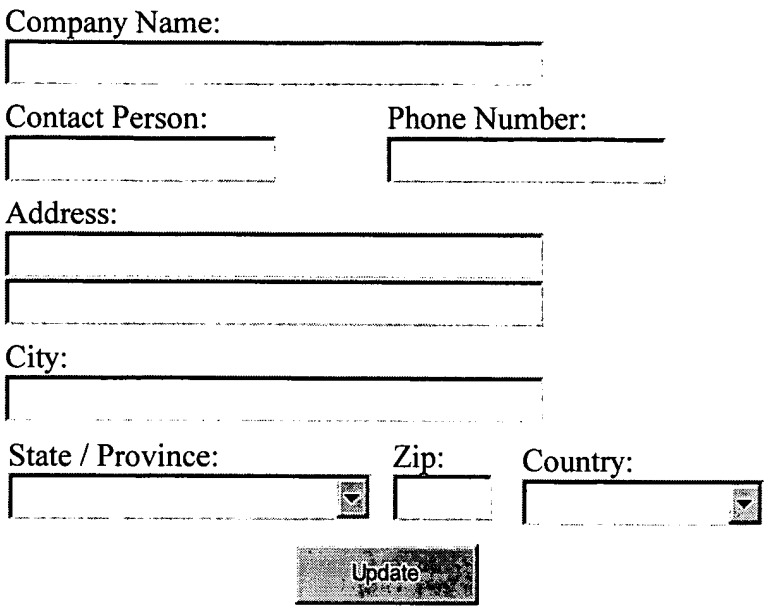

Fig 28

D6D6D2 = 1D6D6D2

Subsidiary:

Address:

City:

State / Province: Zip: Country:

Add

Figure 29

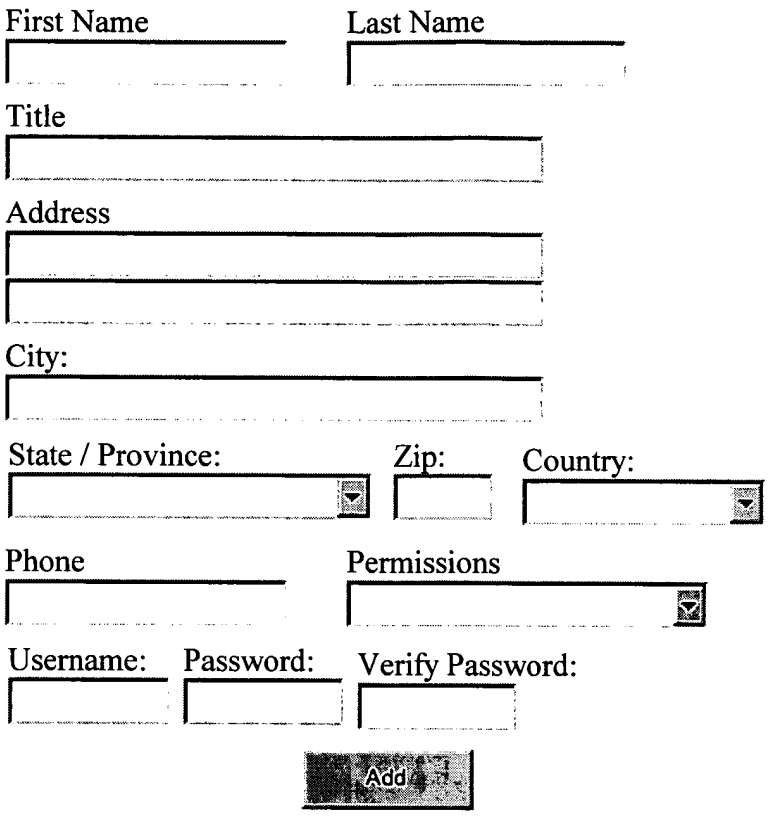
First Name
Last Name
Title
Address
City:
State / Province:
Zip:
Country:
Phone
Permissions
Username:
Password:
Verify Password:
Add

Figure 30

Add Preferred Contractor: To add to your list of preferred contractors, search for the contractor you wish to add using the form below.

Federal Tax ID: [ ] Sear

Figure 31

D0000000000

Contractor Feature Section Layout

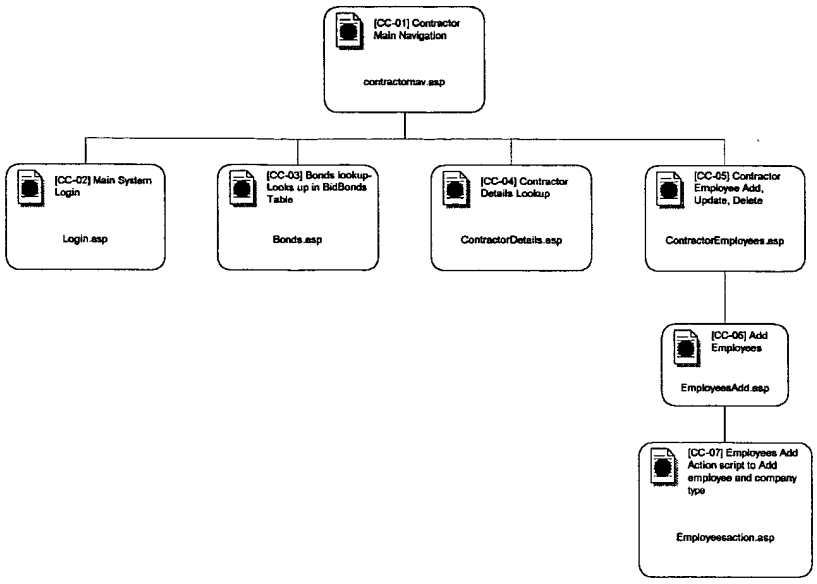

Figure 32

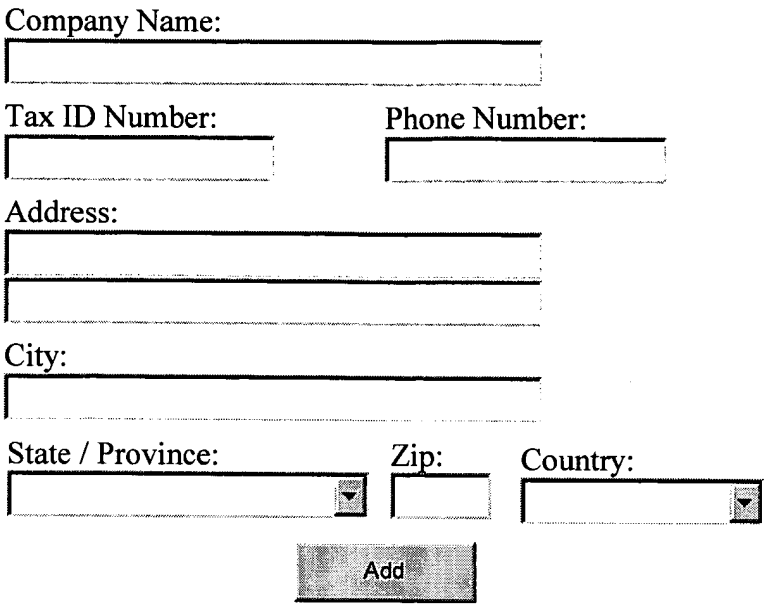
Company Name:
Tax ID Number:
Phone Number:
Address:
City:
State / Province:
Zip:
Country:
Add

Figure 33

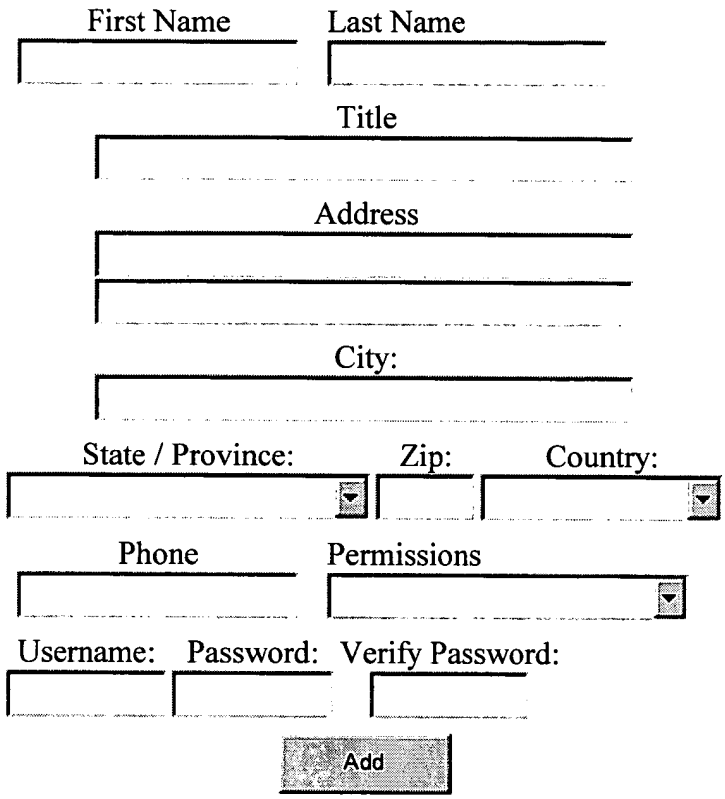
First Name
Last Name
Title
Address
City:
State / Province:
Zip:
Country:
Phone
Permissions
Username:
Password:
Verify Password:
Add

Figure 34

Owner Feature Section Layout

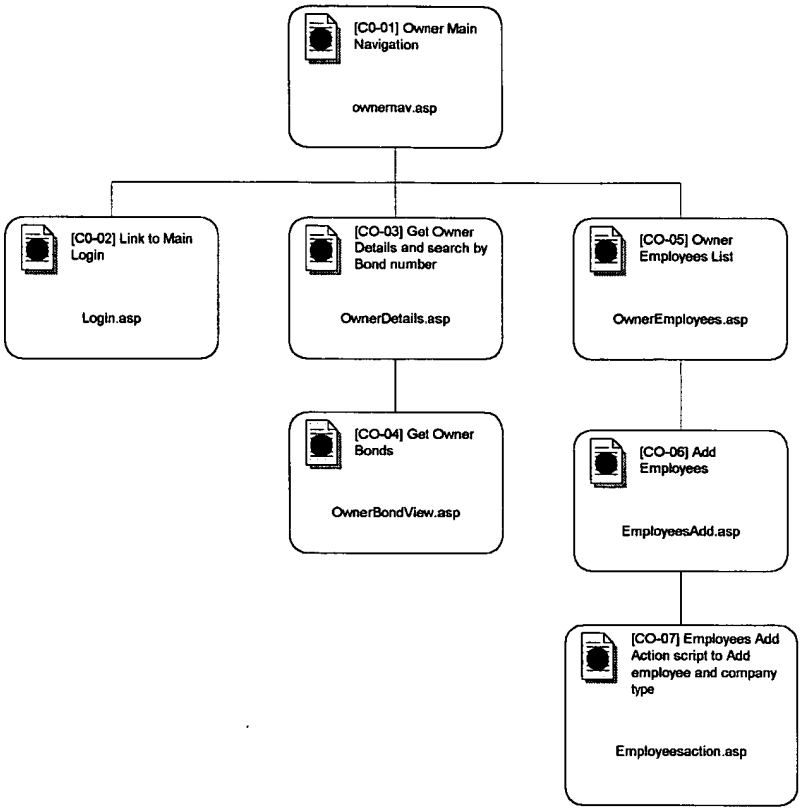

Figure 35

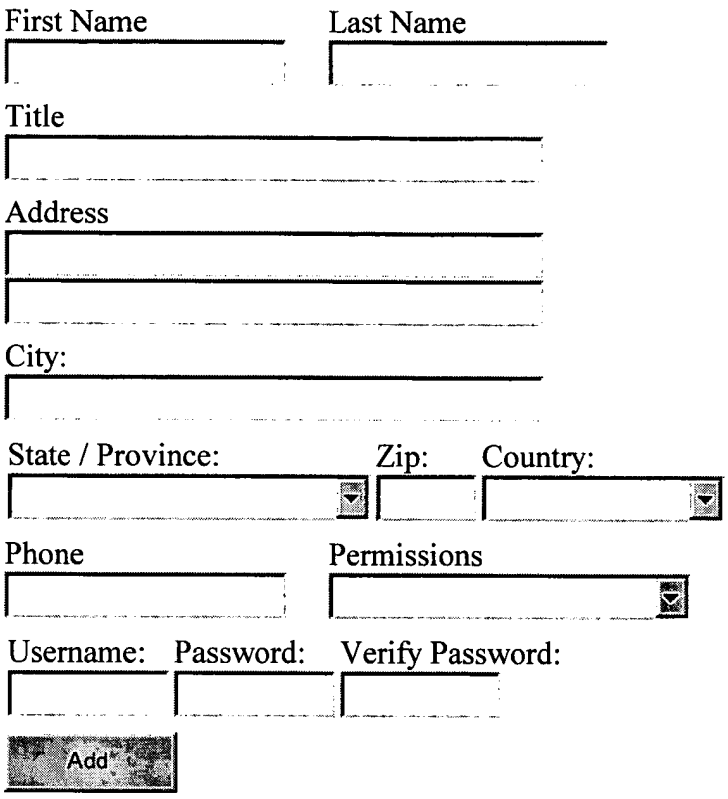
First Name
Last Name
Title
Address
City:
State / Province:
Zip:
Country:
Phone
Permissions
Username:
Password:
Verify Password:
Add

Figure 36

Bond Feature Section Layout

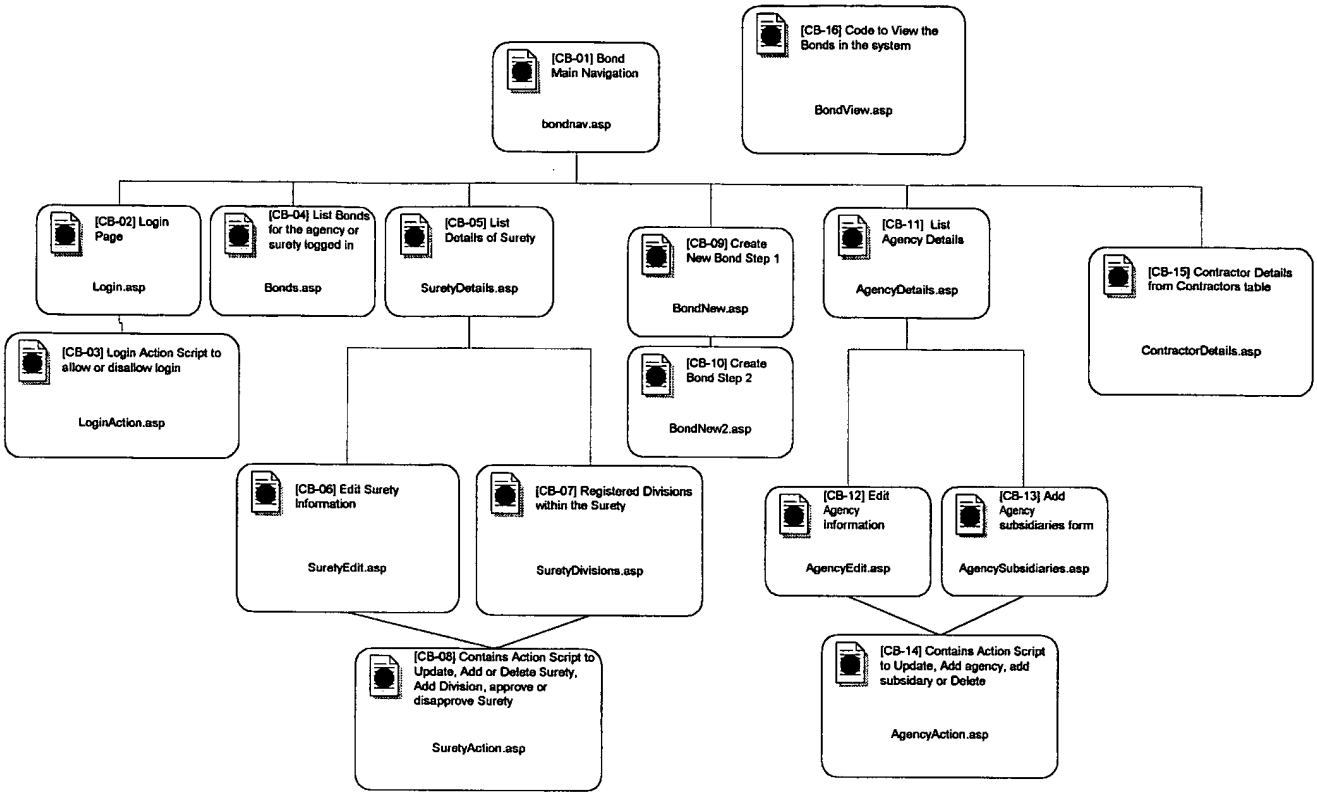

Figure 37

Form used to update existing surety information. The update form appears below.

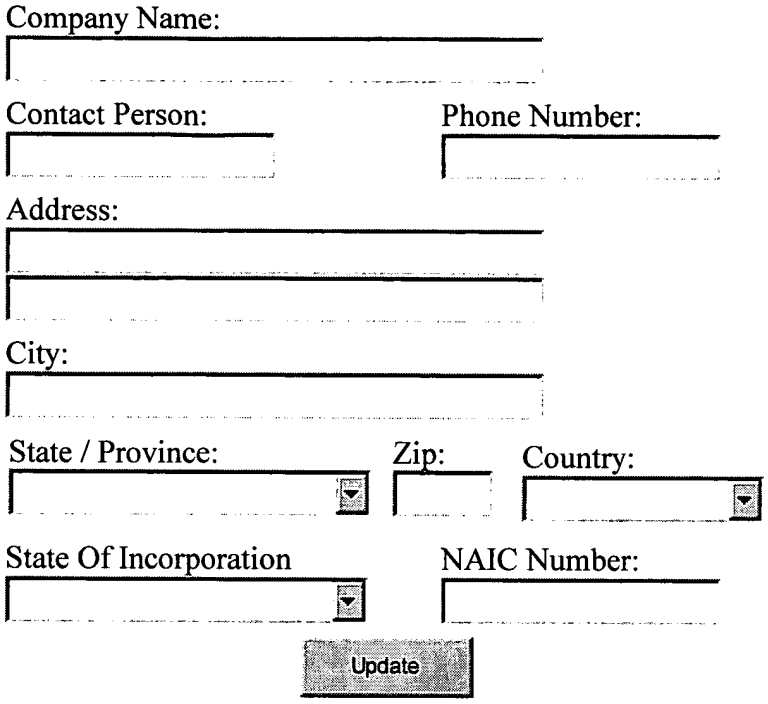

Figure 38

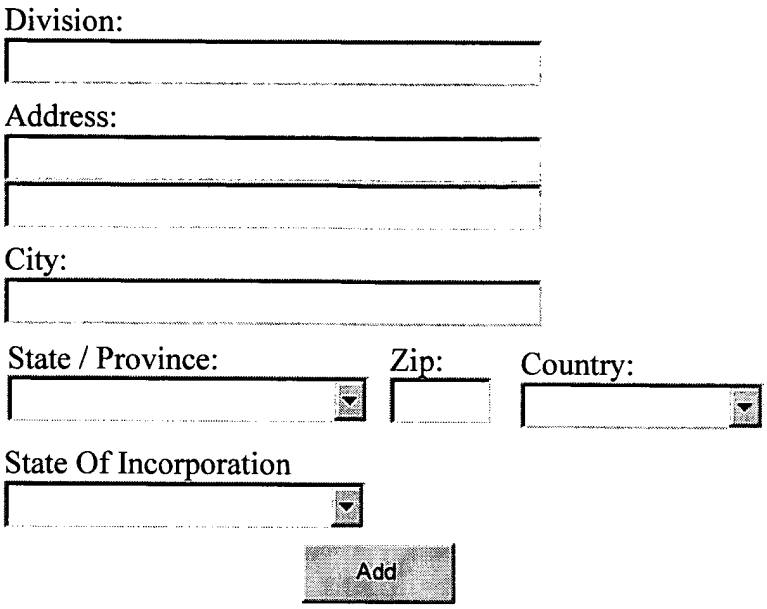
Division:
Address:
City:
State / Province:
Zip:
Country:
State Of Incorporation
Add

Figure 39

Contains form to update Agency information. The form used appears below:

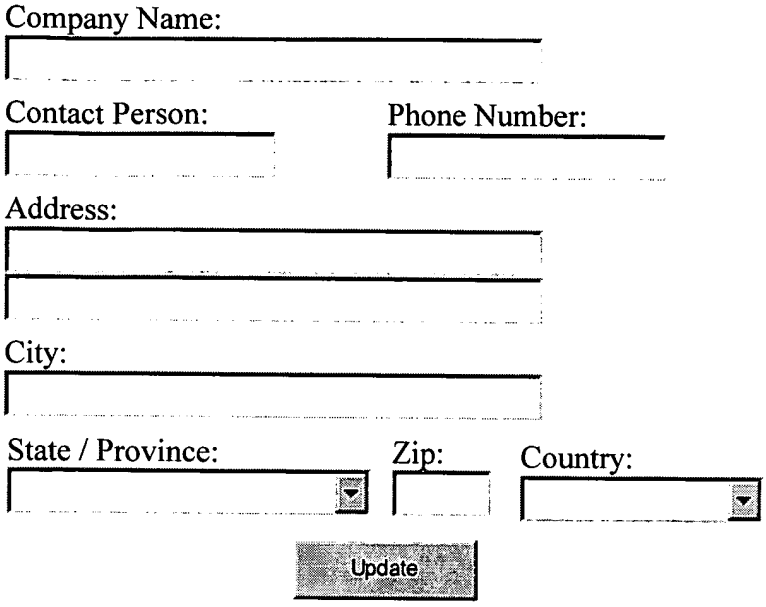

Figure 40

The add subsidiaries form appears below:

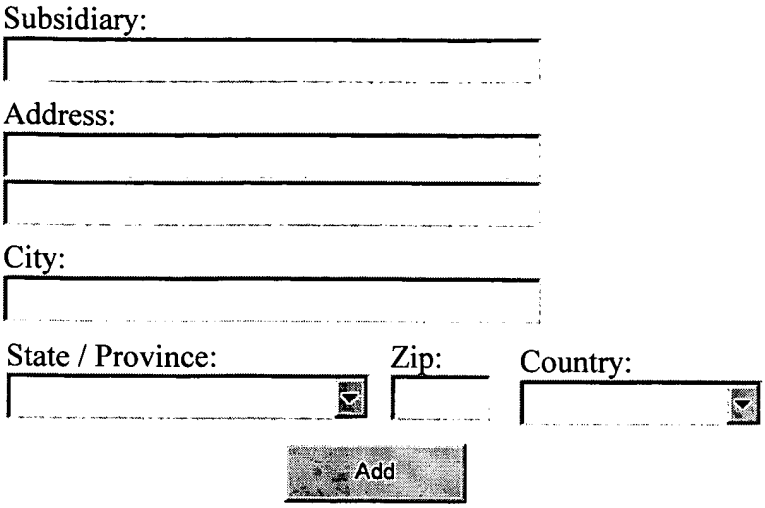

Figure 41

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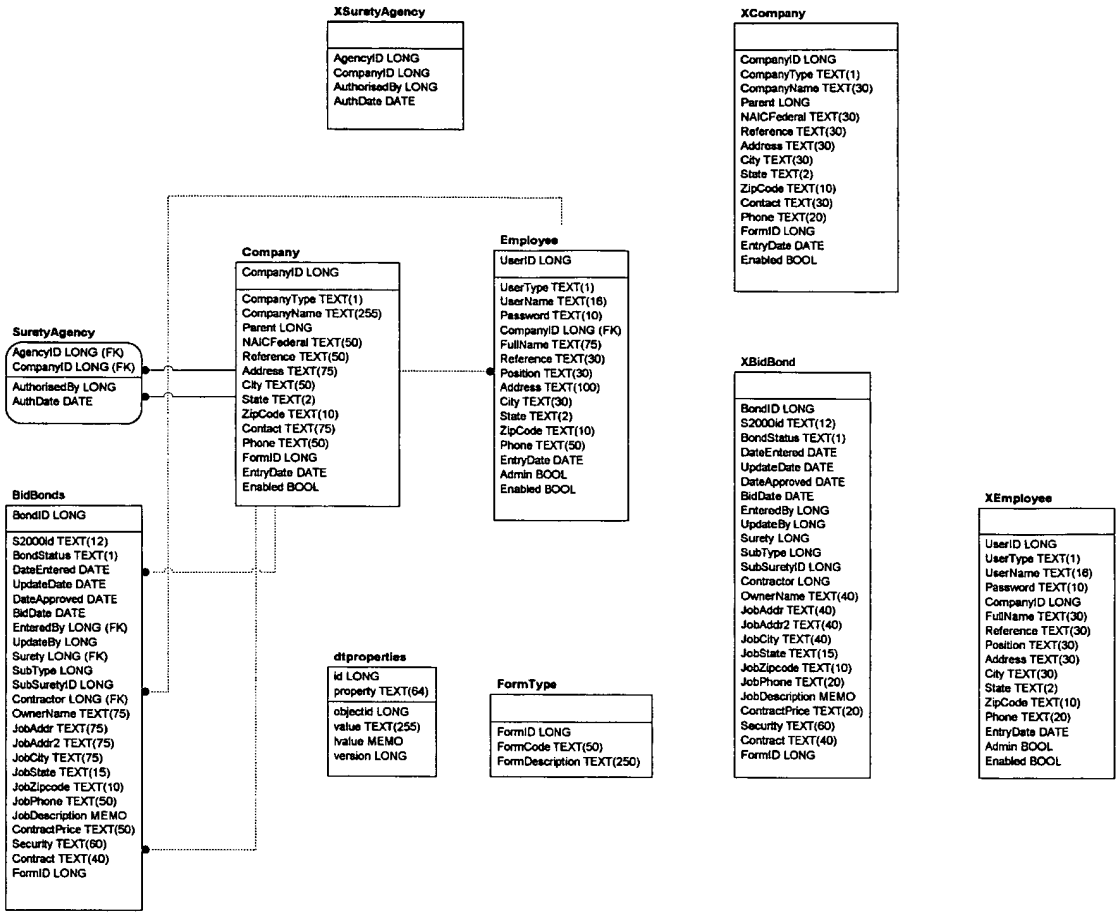
XSuretyAgency
AgencyID LONG
CompanyID LONG
AuthorisedBy LONG
AuthDate DATE
XCompany
CompanyID LONG
CompanyType TEXT(1)
CompanyName TEXT(30)
Parent LONG
NAICFederal TEXT(30)
Reference TEXT(30)
Address TEXT(30)
City TEXT(30)
State TEXT(2)
ZipCode TEXT(10)
Contact TEXT(30)
Phone TEXT(20)
FormID LONG
EntryDate DATE
Enabled BOOL
Company
CompanyID LONG
CompanyType TEXT(1)
CompanyName TEXT(255)
Parent LONG
NAICFederal TEXT(50)
Reference TEXT(50)
Address TEXT(75)
City TEXT(50)
State TEXT(2)
ZipCode TEXT(10)
Contact TEXT(75)
Phone TEXT(50)
FormID LONG
EntryDate DATE
Enabled BOOL
Employee
UserID LONG
UserType TEXT(1)
UserName TEXT(16)
Password TEXT(10)
CompanyID LONG (FK)
FullName TEXT(75)
Reference TEXT(30)
Position TEXT(30)
Address TEXT(100)
City TEXT(30)
State TEXT(2)
ZipCode TEXT(10)
Phone TEXT(50)
EntryDate DATE
Admin BOOL
Enabled BOOL
SuretyAgency
AgencyID LONG (FK)
CompanyID LONG (FK)
AuthorisedBy LONG
AuthDate DATE
XBidBond
BondID LONG
S2000id TEXT(12)
BondStatus TEXT(1)
DateEntered DATE
UpdateDate DATE
DateApproved DATE
BidDate DATE
EnteredBy LONG
UpdateBy LONG
Surety LONG
SubType LONG
SubSuretyID LONG
Contractor LONG
OwnerName TEXT(40)
JobAddr TEXT(40)
JobAddr2 TEXT(40)
JobCity TEXT(40)
JobState TEXT(15)
JobZipcode TEXT(10)
JobPhone TEXT(20)
JobDescription MEMO
ContractPrice TEXT(20)
Security TEXT(60)
Contract TEXT(40)
FormID LONG
XEmployee
UserID LONG
UserType TEXT(1)
UserName TEXT(16)
Password TEXT(10)
CompanyID LONG
FullName TEXT(30)
Reference TEXT(30)
Position TEXT(30)
Address TEXT(30)
City TEXT(30)
State TEXT(2)
ZipCode TEXT(10)
Phone TEXT(20)
EntryDate DATE
Admin BOOL
Enabled BOOL
BidBonds
BondID LONG
S2000id TEXT(12)
BondStatus TEXT(1)
DateEntered DATE
UpdateDate DATE
DateApproved DATE
BidDate DATE
EnteredBy LONG (FK)
UpdateBy LONG
Surety LONG (FK)
SubType LONG
SubSuretyID LONG
Contractor LONG (FK)
OwnerName TEXT(75)
JobAddr TEXT(75)
JobAddr2 TEXT(75)
JobCity TEXT(75)
JobState TEXT(15)
JobZipcode TEXT(10)
JobPhone TEXT(50)
JobDescription MEMO
ContractPrice TEXT(50)
Security TEXT(60)
Contract TEXT(40)
FormID LONG
dtproperties
id LONG
property TEXT(64)
objectid LONG
value TEXT(255)
lvalue MEMO
version LONG
FormType
FormID LONG
FormCode TEXT(50)
FormDescription TEXT(250)

Figure 42